

Enrique Lara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1677212/publications.pdf>

Version: 2024-02-01

105
papers

10,036
citations

87888

38
h-index

39675

94
g-index

117
all docs

117
docs citations

117
times ranked

8683
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple convergences in the evolutionary history of the testate amoeba family Arcellidae (Amoebozoa: Arcellinida: Sphaerothecina): when the ecology rules the morphology. <i>Zoological Journal of the Linnean Society</i> , 2022, 194, 1044-1071.	2.3	13
2	Niche Conservatism Drives the Elevational Diversity Gradient in Major Groups of Free-Living Soil Unicellular Eukaryotes. <i>Microbial Ecology</i> , 2022, 83, 459-469.	2.8	7
3	Soil protist function varies with elevation in the Swiss Alps. <i>Environmental Microbiology</i> , 2022, 24, 1689-1702.	3.8	10
4	Population and molecular responses to warming in <i>Netzelia tuberspinifera</i> – An endemic and sensitive protist from East Asia. <i>Science of the Total Environment</i> , 2022, 806, 150897.	8.0	5
5	Freshwater protists: unveiling the unexplored in a large floodplain system. <i>Environmental Microbiology</i> , 2022, 24, 1731-1745.	3.8	9
6	Contribution of soil algae to the global carbon cycle. <i>New Phytologist</i> , 2022, 234, 64-76.	7.3	39
7	<i>Cyphoderia ampulla</i> (Cyphoderiidae: Rhizaria), a tale of freshwater sailors: The causes and consequences of ecological transitions through the salinity barrier in a family of benthic protists. <i>Molecular Ecology</i> , 2022, 31, 2644-2663.	3.9	7
8	Discrepancies between prokaryotes and eukaryotes need to be considered in soil DNA-based studies. <i>Environmental Microbiology</i> , 2022, 24, 3829-3839.	3.8	8
9	Comparative analysis of diversity and environmental niches of soil bacterial, archaeal, fungal and protist communities reveal niche divergences along environmental gradients in the Alps. <i>Soil Biology and Biochemistry</i> , 2022, 169, 108674.	8.8	17
10	Deconstructing Diffugia: The tangled evolution of lobose testate amoebae shells (Amoebozoa: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Phylogenetics and Evolution, 2022, 175, 107557.	2.7	12
11	Description of <i>Phaeobola aeris</i> gen. nov., sp. nov (Rhizaria, Cercozoa, Euglyphida) Sheds Light on Euglyphida's Dark Matter. <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12835.	1.7	2
12	Protist taxonomic and functional diversity in soil, freshwater and marine ecosystems. <i>Environment International</i> , 2021, 146, 106262.	10.0	110
13	Phylogenetic diversity and dominant ecological traits of freshwater Antarctic Chrysophyceae. <i>Polar Biology</i> , 2021, 44, 941-957.	1.2	3
14	Contribution of microbial photosynthesis to peatland carbon uptake along a latitudinal gradient. <i>Journal of Ecology</i> , 2021, 109, 3424-3441.	4.0	10
15	A reassessment of testate amoebae diversity in Tierra del Fuego peatlands: Implications for large scale inferences. <i>European Journal of Protistology</i> , 2021, 80, 125806.	1.5	2
16	Superficially described and ignored for 92 years, rediscovered and emended: <i>Apodera angatakere</i> (Amoebozoa: Arcellinida: Hyalospheniformes) is a new flagship testate amoeba taxon from Aotearoa (New Zealand). <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12867.	1.7	4
17	Arcellinida testate amoebae as climate miner's canaries in Southern Spain. <i>European Journal of Protistology</i> , 2021, 81, 125828.	1.5	6
18	Phylogenetic divergence within the Arcellinida (Amoebozoa) is congruent with test size and metabolism type. <i>European Journal of Protistology</i> , 2020, 72, 125645.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Soil protist diversity in the Swiss western Alps is better predicted by topoclimatic than by edaphic variables. <i>Journal of Biogeography</i> , 2020, 47, 866-878.	3.0	26
20	Rain-Fed Granite Rock Basins Accumulate a High Diversity of Dormant Microbial Eukaryotes. <i>Microbial Ecology</i> , 2020, 79, 882-897.	2.8	9
21	Testate Amoeba Functional Traits and Their Use in Paleoecology. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	40
22	Greater topoclimatic control of above- versus below-ground communities. <i>Global Change Biology</i> , 2020, 26, 6715-6728.	9.5	11
23	High-throughput sequencing of litter and moss eDNA reveals a positive correlation between the diversity of Apicomplexa and their invertebrate hosts across alpine habitats. <i>Soil Biology and Biochemistry</i> , 2020, 147, 107837.	8.8	15
24	Higher spatial than seasonal variation in floodplain soil eukaryotic microbial communities. <i>Soil Biology and Biochemistry</i> , 2020, 147, 107842.	8.8	28
25	Molecular investigation of <i>Phryganella acropodia</i> Hertwig et Lesser, 1874 (Arcellinida, Amoebozoa). <i>European Journal of Protistology</i> , 2020, 75, 125707.	1.5	9
26	Case 3782 " <i>Nebela militaris</i> Penard, 1890 (Arcellinida, Hyalospheniidae): proposed conservation of the specific name by giving it precedence over <i>Nebela bursella</i> Taraneck, 1881. <i>Bulletin of Zoological Nomenclature</i> , 2020, 77, 22.	0.1	1
27	Assessing the responses of <i>Sphagnum</i> micro-eukaryotes to climate changes using high throughput sequencing. <i>PeerJ</i> , 2020, 8, e9821.	2.0	13
28	Global distribution of Trebouxiophyceae diversity explored by high-throughput sequencing and phylogenetic approaches. <i>Environmental Microbiology</i> , 2019, 21, 3885-3895.	3.8	16
29	Dispersal limitations and historical factors determine the biogeography of specialized terrestrial protists. <i>Molecular Ecology</i> , 2019, 28, 3089-3100.	3.9	34
30	Diversity of photosynthetic picoeukaryotes in eutrophic shallow lakes as assessed by combining flow cytometry cell-sorting and high throughput sequencing. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	9
31	Contrasted Micro-Eukaryotic Diversity Associated with <i>Sphagnum</i> Mosses in Tropical, Subtropical and Temperate Climatic Zones. <i>Microbial Ecology</i> , 2019, 78, 714-724.	2.8	11
32	Phylogenomics and Morphological Reconstruction of Arcellinida Testate Amoebae Highlight Diversity of Microbial Eukaryotes in the Neoproterozoic. <i>Current Biology</i> , 2019, 29, 991-1001.e3.	3.9	49
33	Revisions to the Classification, Nomenclature, and Diversity of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 4-119.	1.7	904
34	Using Testate Amoebae Communities to Evaluate Environmental Stress: A Molecular Biology Perspective. , 2019, , 308-313.		3
35	We are ready for faunistic surveys of bdelloid rotifers through DNA barcoding: the example of <i>Sphagnum</i> bogs of the Swiss Jura Mountains. , 2019, 38, 213-225.		7
36	Comparative analysis of bones, mites, soil chemistry, nematodes and soil micro-eukaryotes from a suspected homicide to estimate the post-mortem interval. <i>Scientific Reports</i> , 2018, 8, 25.	3.3	44

#	ARTICLE	IF	CITATIONS
37	Soil protists: a fertile frontier in soil biology research. <i>FEMS Microbiology Reviews</i> , 2018, 42, 293-323.	8.6	368
38	Environmental filtering and phylogenetic clustering correlate with the distribution patterns of cryptic protist species. <i>Ecology</i> , 2018, 99, 904-914.	3.2	47
39	Tipping point in plant-fungal interactions under severe drought causes abrupt rise in peatland ecosystem respiration. <i>Global Change Biology</i> , 2018, 24, 972-986.	9.5	98
40	En garde! Redefinition of <i>Nebela militaris</i> (Arcellinida, Hyalospheniidae) and erection of <i>Alabasta</i> gen. nov.. <i>European Journal of Protistology</i> , 2018, 66, 156-165.	1.5	17
41	Population dynamics of amoeboid protists in a tropical desert: seasonal changes and effects of vegetation and soil conditions. <i>Acta Protozoologica</i> , 2018, 57, 231-242.	0.5	9
42	Genetic Determinism vs. Phenotypic Plasticity in Protist Morphology. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 729-739.	1.7	27
43	Soil protistology rebooted: 30 fundamental questions to start with. <i>Soil Biology and Biochemistry</i> , 2017, 111, 94-103.	8.8	130
44	Distribution patterns of soil microbial eukaryotes suggests widespread algivory by phagotrophic protists as an alternative pathway for nutrient cycling. <i>Soil Biology and Biochemistry</i> , 2017, 112, 68-76.	8.8	104
45	First freshwater member ever reported for the family Bathycoccaceae (Chlorophyta; Archaeplastida) from Argentinean Patagonia revealed by environmental DNA survey. <i>European Journal of Protistology</i> , 2017, 60, 45-49.	1.5	5
46	Symbiosis between Testate Amoebae and Photosynthetic Organisms. , 2017, , 399-419.		10
47	A contribution to the phylogeny of agglutinating Arcellinida (Amoebozoa) based on SSU rRNA gene sequences. <i>European Journal of Protistology</i> , 2017, 59, 99-107.	1.5	16
48	Parasites dominate hyperdiverse soil protist communities in Neotropical rainforests. <i>Nature Ecology and Evolution</i> , 2017, 1, 91.	7.8	262
49	NAD9/NAD7 (mitochondrial nicotinamide adenine dinucleotide dehydrogenase gene) – A new – Holy Grail – phylogenetic and DNA-barcoding marker for Arcellinida (Amoebozoa)?. <i>European Journal of Protistology</i> , 2017, 58, 175-186.	1.5	11
50	<i>Quadrullella texcalense</i> sp. nov. from a Mexican desert: An unexpected new environment for hyalospheniid testate amoebae. <i>European Journal of Protistology</i> , 2017, 61, 253-264.	1.5	8
51	<i>Mycamoeba gemmipara</i> nov. gen., nov. sp., the First Cultured Member of the Environmental Dermamoebidae Clade LKM74 and its Unusual Life Cycle. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 257-265.	1.7	18
52	Geographical distance and local environmental conditions drive the genetic population structure of a freshwater microalga (Bathycoccaceae; Chlorophyta) in Patagonian lakes. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	12
53	Water-energy balance, past ecological perturbations and evolutionary constraints shape the latitudinal diversity gradient of soil testate amoebae in south-western South America. <i>Global Ecology and Biogeography</i> , 2016, 25, 1216-1227.	5.8	33
54	Soil microorganisms behave like macroscopic organisms: patterns in the global distribution of soil euglyphid testate amoebae. <i>Journal of Biogeography</i> , 2016, 43, 520-532.	3.0	43

#	ARTICLE	IF	CITATIONS
55	Microbial eukaryote communities exhibit robust biogeographical patterns along a gradient of Patagonian and Antarctic lakes. <i>Environmental Microbiology</i> , 2016, 18, 5249-5264.	3.8	41
56	Phylogenetic reconstruction based on <i>COI</i> reshuffles the taxonomy of hyalosphenid shelled (testate) amoebae and reveals the convoluted evolution of shell plate shapes. <i>Cladistics</i> , 2016, 32, 606-623.	3.3	39
57	<i>Nebela jiuhuensis</i> nov. sp. (Amoebozoa; Arcellinida; Hyalospheniidae): A New Member of the <i>Nebela saccifera</i> - <i>equicalceus</i> - <i>ansata</i> Group Described from Sphagnum Peatlands in South-Central China. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 558-566.	1.7	8
58	High-throughput sequencing reveals diverse oomycete communities in oligotrophic peat bog micro-habitat. <i>Fungal Ecology</i> , 2016, 23, 42-47.	1.6	29
59	Response of forest soil euglyphid testate amoebae (Rhizaria: Cercozoa) to pig cadavers assessed by high-throughput sequencing. <i>International Journal of Legal Medicine</i> , 2016, 130, 551-562.	2.2	26
60	Current and future perspectives on the systematics, taxonomy and nomenclature of testate amoebae. <i>European Journal of Protistology</i> , 2016, 55, 105-117.	1.5	75
61	An unexpected role for mixotrophs in the response of peatland carbon cycling to climate warming. <i>Scientific Reports</i> , 2015, 5, 16931.	3.3	108
62	Eukaryotic plankton diversity in the sunlit ocean. <i>Science</i> , 2015, 348, 1261605.	12.6	1,551
63	Eight species in the <i>Nebela collaris</i> complex: <i>Nebela gimlii</i> (Arcellinida, Hyalospheniidae), a new species described from a Swiss raised bog. <i>European Journal of Protistology</i> , 2015, 51, 79-85.	1.5	36
64	Morphological and Molecular Diversification of Asian Endemic <i>Diffugia tuberspinifera</i> (Amoebozoa, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.5	19
65	Environmental DNA COI barcoding for quantitative analysis of protists communities: A test using the <i>Nebela collaris</i> complex (Amoebozoa; Arcellinida; Hyalospheniidae). <i>European Journal of Protistology</i> , 2015, 51, 311-320.	1.5	14
66	Checklist, diversity and distribution of testate amoebae in Chile. <i>European Journal of Protistology</i> , 2015, 51, 409-424.	1.5	44
67	From Environmental Sequences to Morphology: Observation and Characterisation of a Paulinellid Testate Amoeba (<i>Micropyxidiella edaphonis</i> gen. nov. sp. nov. Euglyphida, Paulinellidae) from Soil using Fluorescent in situ Hybridization. <i>Protist</i> , 2015, 166, 264-270.	1.5	12
68	Planktonic eukaryote molecular diversity: discrimination of minerotrophic and ombrotrophic peatland pools in Tierra del Fuego (Argentina). <i>Journal of Plankton Research</i> , 2015, 37, 645-655.	1.8	19
69	Functional traits as a new approach for interpreting testate amoeba palaeo-records in peatlands and assessing the causes and consequences of past changes in species composition. <i>Holocene</i> , 2015, 25, 1375-1383.	1.7	49
70	The Phanerozoic diversification of silica-cycling testate amoebae and its possible links to changes in terrestrial ecosystems. <i>PeerJ</i> , 2015, 3, e1234.	2.0	29
71	Multiple barcode assessment within the Saprolegnia-Achlya clade (Saprolegniales, Oomycota, Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.8	22
72	One Alga to Rule them All: Unrelated Mixotrophic Testate Amoebae (Amoebozoa, Rhizaria and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.5	38

#	ARTICLE	IF	CITATIONS
73	Ecology of testate amoebae in peatlands of central China and development of a transfer function for paleohydrological reconstruction. <i>Journal of Paleolimnology</i> , 2013, 50, 319-330.	1.6	53
74	Relationships between testate amoeba communities and water quality in Lake Donghu, a large alkaline lake in Wuhan, China. <i>Frontiers of Earth Science</i> , 2013, 7, 182-190.	2.1	21
75	Using DNA-barcoding for sorting out protist species complexes: A case study of the <i>Nebela tinctoria</i> "collaris" "bohemica" group (Amoebozoa; Arcellinida, Hyalospheniidae). <i>European Journal of Protistology</i> , 2013, 49, 222-237.	1.5	51
76	Sphenoderiidae (fam. nov.), a New Clade of Euglyphid Testate Amoebae Characterized by Small, Round Scales Surrounding the Aperture. <i>Protist</i> , 2013, 164, 782-792.	1.5	16
77	Incipient loss of flagella in the genus <i>Geolegnia</i> : the emergence of a new clade within <i>Leptolegnia</i> ?. <i>IMA Fungus</i> , 2013, 4, 169-175.	3.8	11
78	Amphitremida (Poche, 1913) Is a New Major, Ubiquitous Labyrinthulomycete Clade. <i>PLoS ONE</i> , 2013, 8, e53046.	2.5	48
79	CBOL Protist Working Group: Barcoding Eukaryotic Richness beyond the Animal, Plant, and Fungal Kingdoms. <i>PLoS Biology</i> , 2012, 10, e1001419.	5.6	488
80	The Protist Ribosomal Reference database (PR2): a catalog of unicellular eukaryote Small Sub-Unit rRNA sequences with curated taxonomy. <i>Nucleic Acids Research</i> , 2012, 41, D597-D604.	14.5	1,463
81	The Revised Classification of Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2012, 59, 429-514.	1.7	1,340
82	Time to regulate microbial eukaryote nomenclature. <i>Biological Journal of the Linnean Society</i> , 2012, 107, 469-476.	1.6	21
83	A molecular perspective on ciliates as soil bioindicators. <i>European Journal of Soil Biology</i> , 2012, 49, 107-111.	3.2	29
84	COI Barcoding of Nebelid Testate Amoebae (Amoebozoa: Arcellinida): Extensive Cryptic Diversity and Redefinition of the Hyalospheniidae Schultze. <i>Protist</i> , 2012, 163, 415-434.	1.5	93
85	SSU rRNA Phylogeny of Arcellinida (Amoebozoa) Reveals that the Largest Arcellinid Genus, <i>Diffflugia Leclerc 1815</i> , is not Monophyletic. <i>Protist</i> , 2012, 163, 389-399.	1.5	48
86	Arcellinida testate amoebae (Amoebozoa: Arcellinida): model of organisms for assessing microbial biogeography. , 2011, , 111-129.		25
87	Phylogenomic Analysis of Kinetoplastids Supports That Trypanosomatids Arose from within Bodonids. <i>Molecular Biology and Evolution</i> , 2011, 28, 53-58.	8.9	68
88	COI gene and ecological data suggest size-dependent high dispersal and low intra-specific diversity in free-living terrestrial protists (Euglyphida: Assulina). <i>Journal of Biogeography</i> , 2011, 38, 640-650.	3.0	29
89	Comparing Potential COI and SSU rDNA Barcodes for Assessing the Diversity and Phylogenetic Relationships of Cyphoderiid Testate Amoebae (Rhizaria: Euglyphida). <i>Protist</i> , 2011, 162, 131-141.	1.5	39
90	Highly Diverse and Seasonally Dynamic Protist Community in a Pristine Peat Bog. <i>Protist</i> , 2011, 162, 14-32.	1.5	74

#	ARTICLE	IF	CITATIONS
91	SSU rRNA reveals major trends in oomycete evolution. <i>Fungal Diversity</i> , 2011, 49, 93-100.	12.3	63
92	The chastity of amoebae: re-evaluating evidence for sex in amoeboid organisms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2081-2090.	2.6	122
93	The Environmental Clade LKM11 and Rozella Form the Deepest Branching Clade of Fungi. <i>Protist</i> , 2010, 161, 116-121.	1.5	197
94	Application of the denaturing gradient gel electrophoresis (DGGE) technique as an efficient diagnostic tool for ciliate communities in soil. <i>Science of the Total Environment</i> , 2010, 408, 1221-1225.	8.0	42
95	Molecular phylogeny of euglyphid testate amoebae (Cercozoa: Euglyphida) suggests transitions between marine supralittoral and freshwater/terrestrial environments are infrequent. <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 113-122.	2.7	54
96	Panâ€œceanic distribution of new highly diverse clades of deepâ€œsea diplomonads. <i>Environmental Microbiology</i> , 2009, 11, 47-55.	3.8	82
97	Diversity and biogeography of testate amoebae. <i>Biodiversity and Conservation</i> , 2008, 17, 329-343.	2.6	119
98	Lateral transfer of the gene for a widely used marker, Î±-tubulin, indicated by a multi-protein study of the phylogenetic position of Andalucia (Excavata). <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 366-377.	2.7	29
99	Ribosomal RNA Genes Challenge the Monophyly of the Hyalospheniidae (Amoebozoa: Arcellinida). <i>Protist</i> , 2008, 159, 165-176.	1.5	75
100	Cultivation-independent analysis reveals a shift in ciliate 18S rRNA gene diversity in a polycyclic aromatic hydrocarbon-polluted soil. <i>FEMS Microbiology Ecology</i> , 2007, 62, 365-373.	2.7	84
101	SSU rRNA Reveals a Sequential Increase in Shell Complexity Among the Euglyphid Testate Amoebae (Rhizaria: Euglyphida). <i>Protist</i> , 2007, 158, 229-237.	1.5	43
102	Molecular comparison of cultivable protozoa from a pristine and a polycyclic aromatic hydrocarbon polluted site. <i>Soil Biology and Biochemistry</i> , 2007, 39, 139-148.	8.8	49
103	Diversity and biogeography of testate amoebae. <i>Topics in Biodiversity and Conservation</i> , 2007, , 95-109.	1.0	6
104	Secondary Metabolites Help Biocontrol Strain <i>Pseudomonas fluorescens</i> CHAO To Escape Protozoan Grazing. <i>Applied and Environmental Microbiology</i> , 2006, 72, 7083-7090.	3.1	183
105	Andalucia (n. gen.)-the Deepest Branch Within Jakobids (Jakobida; Excavata), Based on Morphological and Molecular Study of a New Flagellate from Soil. <i>Journal of Eukaryotic Microbiology</i> , 2006, 53, 112-120.	1.7	53